

08-25-2000

FORM PTO-1595  
P18019.P04

ER SHEET

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To the Honorable C

101442578

and the attached original documents or copy thereof.

## 1. Name of Conveying party(ies):

H.N. CHENG  
Qu Ming GUAdditional name(s) of conveying party(ies) attached? Yes ☒ No

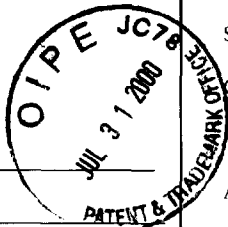
## 2. Name and address of receiving party(ies)

Name: Hercules Incorporated

Internal Address: \_\_\_\_\_

Street Address: 1313 North Market streetCity: Wilmington State: DE ZIP: 19814Additional name(s) and address(es) attached? Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_Execution Date: June 23, 2000

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

09/564,575

## B. Patent No.(s)

Additional numbers attached: Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Neil F. GreenblumInternal Address: P18019Street Address: GREENBLUM & BERNSTEIN, P.L.C.1941 Roland Clarke PlaceCity: Reston State: VA ZIP: 201916. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41).....\$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Neil F. Greenblum, Reg. No. 28,394

Name of Person Signing

Signature Neil F. GreenblumDate 08/24/2000

08/24/2000 MTHAI1 00000251 09564575

Total number of pages including cover sheet, attachments and document: 3

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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231PATENT  
REEL: 011016 FRAME: 0153

ASSIGNMENT

WHEREAS, **H.N. CHENG**, a citizen of the United States, whose post office address is 702 Hertford Road, Wilmington, Delaware 19803, and **Qu Ming GU**, a citizen of the United States, whose post office address is 130 Yardley Place, Hockessin, Delaware 19707, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

**ESTERIFIED POLYSACCHARIDE PRODUCTS AND  $\beta$ -LACTONE RING OPENED  
KETENE DIMER PRODUCTS CONTAINING THE COMPOSITIONS, AND PROCESS  
OF MAKING THE SAME**

for which they have filed an application for Letters Patent of the United States in the United States Patent and Trademark Office on May 5, 2000, and since this Assignment is being filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application, including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, and James L. Rowland, Reg. No. 32,674, of the firm Greenblum & Bernstein, P.L. C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 09/564,575, filed May 5, 2000) the application number of said application when known.

AND WHEREAS, **Hercules Incorporated**, a corporation organized and existing under the laws of Delaware, whose post-office address is 1313 North Market Street, Wilmington, DE 19814, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States and elsewhere throughout the world in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States and elsewhere throughout world including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States and elsewhere throughout the world for said invention and to assign the same to said ASSIGNEE, or any ASSIGNEE acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, I have hereunto set our hand respectively this

23<sup>rd</sup> day of June, 2000

 (L. S.)  
H. N. CHENG

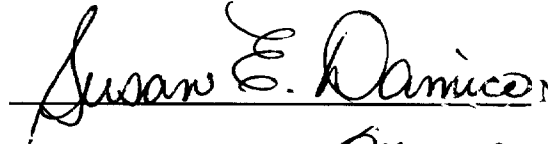
23<sup>rd</sup> day of June, 2000

 (L. S.)  
Qu Ming GU

STATE OF )  
 ) SS.  
COUNTY OF )

I, the undersigned, a Notary Public in and for the state and County aforesaid, do hereby certify that H. N. CHENG, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this 23<sup>rd</sup> day of June, 2000.

 Notary Public  
My commission expires May 9, 2003

SEAL

STATE OF )  
 ) SS.  
COUNTY OF )

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Qu Ming GU, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_

SEAL